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Two great Goodyear teams—wheels and brakes, tires and tuhes—are on the new 2-0-2, Martin's high-speed luxury passenger plane. The majority of aircraft manufacturers and airline operators specify Goodyear landing gear equipment to assure the utmost safety and dependability during take-off and landing runs. Here's why you get maximum safety when you specify Goodyear: light, super-strength magnesium alloy wheels time-proven, self-adjusting Single Dise Brakes extra-rugged, longer-lasting tires and tubes. To secure complete information about Goodyear aviation products, write: Goodyear, Aviation Products Division, Akron 16, Ohio or Los Angeles 54, California.

MORE AIRCRAFT LAND ON GOODYEAR TIRES THAN ON ANY OTHER KIND





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ATTORAUTICAL CONTROLS



SMART? . . . Sees he's smart. He knows there's a lot of difference between the three FORM & GASKETS! FORM-A-GASKET No. 1 (a paste) sets fast but not too fast, it dries hard but not brittle. It's a swell product for making pressure-light, leak-proof unions FORM-A-GASKET No. 2 (a poste) sets a little slower than No. 1. It dries to a tough, plicible loyer into which you can push your finger noil. It resists plenty AVIATION FORM A GASKET No. 3 (a liquid) does not dry but it sets itself into position in a short time. It will not sun when heated even to 400° 5. Nor will is become hard and britile at temperatures down to 70° below zero. great, all ground product!

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AVIATION WIEE December 15, 1217

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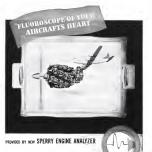
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AVIATION WEEK, December 15, 1967

#### THE AVIATION WEEK

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AVIATION WEEK, December 15, 1947



NEWS SIDELIGHTS

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## Navy Reveals Grumman Jet Fighter

Panther powered by British Nene engine has new solution to jet carrier landing problems; 650 mph, top speed,

## By BORERT MALARREN

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#### NACA Engineer Gets Collier Trophy for Thermal De-Icing

Lewis Rodert to receive award from President Trumon: Cortice Wright envisores not honorable mention for work with reversible satch props.

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As Third Vice Passident

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Pickup Planes Grounded

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UAL Cuts Personnel

#### \_\_\_\_ AVIATION CALENDAR Age 18 Annual Wright Erethow Lecture U. S. Chamber of Commerce Building

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### INDUSTRY OBSERVER

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tom's relatively low lawling speed-about 80 aight-le its chief attraction in a jet

➤ Nove has severaled that the Douglat D-558-1 design was proof mitended to reach ➤ Fauchild Applies: & Engage Co. is now test thing its third model inscalar persend place at Worfold, Kane, First place crobed driving sum tests when spin

► Acrones is planning to introduce folding wings on its face-close model. [ast

## 🐧 AVIATION WORLD NEWS 🕰

#### Non-Skeds Increase Shannon Operations

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AVIATION WELK, December 15, Nat.

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PRODUCTS OF PLANTIC STOP NUT CORPORATION OF AMERICA



#### A monument to "taking pains"

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#### ENGINEERING & PRODUCTION

## Texas Co. Building Laboratory

To Develop Jet Engine Fuels More than 800 employees to be engaged in testing and evaluating jet fuels under actual filebt conditions.

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#### hydrales. Special morganic compounds BRIFFING PRODUCTION NEWS

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Pret to use chrome-silver-copper alloy commo First readily projectable coupling combining a

First true "wide speed range". . . 3,000 to 9,000 Generators are list a small part of the complete Westrehouse line of grances produces. For

## AVIATION WHEE, December 25, 1847



## Hiller 'Copter Has Built-in Stability

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Design now undergoing CAA tests as preliminary to production is based on new principle to make possible "hands-off" hovering

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TORFORECEST - Model 200. The samened

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AVIATION WEEK, December 15, 1947

ENGINEERING PRODUCTION



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There's a time-saving CP tool for every aviation job

CP-4506A Passanatic Reveting-Director Machine assures receiping core direction of reasonation and the barder abtremum allows. Define-

tion plate and adjustable coming ram pressure device (exclusive with Chicago Pasagnatic) assure positive control of pressures between This improved, electrically controlled machine diminster cracked





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## Reverse Pitch Props Offer Safety

Recent tests seen as speeding wider application of development that offers many subsidiary advantages such as saving in weight.

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Of all contributions to aviation since the war, none has had greater effect on safety, speed, and general operating efficiency than improved engine maintenance, and -according to leading sirlines - one of the most notable factors in this general

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AVIATION WEEK, December 25, 1967



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## Leading-Edge Jet Indicates Added Lift

Studies indicate potentials of airfoil fitted with spanwise nose slot; now being applied to rotorcraft. Be IRVING STONE







Design projection of extremely with bridge odge jets. With chical



# Johns-Manville Products fly with the New 8-36

J-M PACKINGS, Gaskets and Asbestos Texalles help safeguard this great new bomber

NOW in full production for the Arany Air Forces, the Consolidated Value B-36 in presented by a number of flight-terned Johns-Mannille products. Expansion points in the exhaust monifold system are

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ASSEMBLY LINE PRODUCED VALVES ROTING SUPERFORTRESS



## Whittaker

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